

IN THE CLAIMS:

Claims 1 through 22, 24, 31 and 32 were previously cancelled. None of the claims have been amended herein. All of the pending claims are presented below. This listing of claims will replace all prior versions and listings of claims in the application. Please enter these claims as previously amended.

1.-22. (Cancelled)

23. (Previously presented) A pixel, comprising:
a single-layered substrate further comprising:

at least one protuberance formed into the substrate, the at least one protuberance having
an apex; and

an impurity offset from the apex of the at least one protuberance, said impurity within
said protuberance having a concentration increasing concurrently with a distance
from the apex .

24. (Canceled)

25. (Previously presented) A field emission display, comprising:
a portion of a single-layered substrate, the portion being an uncontaminated single-layered
substrate that is at least semiconductive formed from a single-layered substrate; and
a micro-cathode located in a portion of said substrate formed from the portion of the
single-layered substrate further comprising:

an increasingly contaminated body, the concentration of the impurity increasing from a
contaminated apex of the micro-cathode.

26. (Previously presented) The field emission display of claim 25, wherein said
micro-cathode is integral with said substrate.

27. (Previously presented) A display panel, comprising:
a substrate comprising semiconductive material formed from a single-layered substrate; and
an emitter electrode located in a portion of said substrate, further comprising an apex having an
etch-resistible quality that decreases with the distance from said apex.
28. (Previously presented) The display panel in claim 27, wherein said emitter
electrode further comprises a base and further has an oxidizable quality that increases with
elevation from said base.
29. (Previously presented) The display panel in claim 28, wherein a portion of said
substrate that is under said emitter electrode has an etch-resistible quality generally similar to an
etch-resistible quality of said base.
30. (Previously presented) The display panel in claim 29, wherein said portion has an
oxidizable quality generally similar to an oxidizable quality of said base.
31. (Cancelled)
32. (Cancelled)